

## tclSadie Hints and Printing Info

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No formal documentation currently exists for tclSadie. Please refer to the MacSADIE User's Manual for more information. MacSadie and tclSadie are almost completely compatible.

### Helpful Hints:

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- \* Different window managers cause tclSadie to behave differently. If you have trouble running tclSadie under your window manager you might try using the *Common Desktop Environment* or *fvwm* instead.
- \* Images stored in IPT format on the Macintosh should be compatible with the SADIE format of tclSadie, as long as images on either platform are stored in 8 bits/pixel.
- \* Whenever multiple images are displayed on the screen simultaneously, the current ("active") image is listed in the main tclSadie window and is highlighted with a blue border. To change the current image, click somewhere on the image  
(note that clicking on the image window title bar will not always make an image the current image). Alternately, select the image title from the list of images under the "Windows" menu.
- \* If an image window is too small to allow the entire image name to be viewed off of the title bar, make it the current image and read the image name from the main tclSadie window.
- \* Always make sure the image you want to process is the current image before selecting a command!
- \* If an error message box appears, always check the session log for more information about the error.

### Printing:

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\* Printing directly from tclSadie:

Under the File menu, there are commands to print the sessionlog or the current image. These commands will either send postscript output directly to the specified printer via the specified command (use "lpr -Pcorvus" to print to the laserjet printer in ECE 316, the undergraduate unix lab), or it will save the postscript output to a specified file. If you do not have access to a postscript printer, you may still be able to print by loading the postscript file into a Postscript emulation program such as *ghostscript*.

\* Exporting text from session log to another program:

Text from the session log can be highlighted with the mouse and pasted to another X window with the middle mouse button. The *nedit* text editor is recommended for pasting text into for printing purposes.

\* Exporting graphics from session log to another program:

Cutting and pasting does not allow graphical information such as histograms to be captured from the sessionlog. The easiest way to currently cut graphical info from a session log is to use a program such as *xv* to "grab" a region of the screen and save it as a printable file. Use the GRAB button at the bottom of the *xv* control window, and read the on-screen instructions.

\* Use one of the following methods to export images:

1.) "Grab" the window with a program such as *xv*, as described above. (Note that if it is a very large image, only the portion of the image that is currently displayed on the screen may be printed.)

2.) Store the image in PPM format and load it into another image viewing program for printing.

Note that any images or text that are saved to file may be imported into a word processor such as MSWord for composing a report. The ftp protocol may be used to transfer the files to a PC for this purpose.

*Nedit* and *xv* are available to Solaris users at the following locations:

/net/aviris.ece/export/home/bin/nedit  
/net/aviris.ece/export/home/bin/xv